

2010 SEED SUMMARY REPORT INSPECTION RESULTS



**PLANT INDUSTRIES DIVISION
BUREAU OF FEED, SEED, AND TREATED TIMBER**

**Missouri Department of Agriculture
Mission Statement**

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

FOREWORD

The 2010 Seed Summary report is comprised of two sections.

Section one is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections listed in this section were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Section two is comprised of selective inspections designed specifically to curtail labeling and licensing violations of the Missouri Seed Law. Examples of violations are selling seed without a permit, selling seed out of test date, and labeling omissions or inconsistencies with the law.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found. If a lot of seed is found offered for sale past the time allowed on the existing germination test date, that violation is charged against the possessor of the seed. Violations recorded against the possessor of the seed are listed in section two.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Bureau of Feed, Seed, and Treated Timber are pleased to publish the 2010 Seed Summary Report and Inspection Results.

Two thousand seven hundred and fifty-eight (2,758) lots of seed were officially sampled and tested. One hundred and fifty-four (154) stop-sale orders were issued for seed failing to meet its labeled guarantees. This resulted in a compliance rate of 94.42 percent compared to 93.39 percent in 2009.

The Missouri Seed Control Laboratory tested 387 service samples in 2010. A total of 3,145 official and service samples were tested in 2010 resulting in a total of 5,783 individual tests performed.

All seed retailers are required to have their on-hand carry over seed retested for germination every 10 months (counting the month the seed was retested.) The new test date must appear on all labels. Seed lots found to be out of test date will be placed on stop sale order until such time as the seed has been tested and a new test date is placed on the label with any change in germination rate noted or the seed is disposed of in an acceptable manner. In 2010, 10 field written stop sale orders were issued mainly on out of test date seed.

The Bureau of Feed, Seed and Treated Timber offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

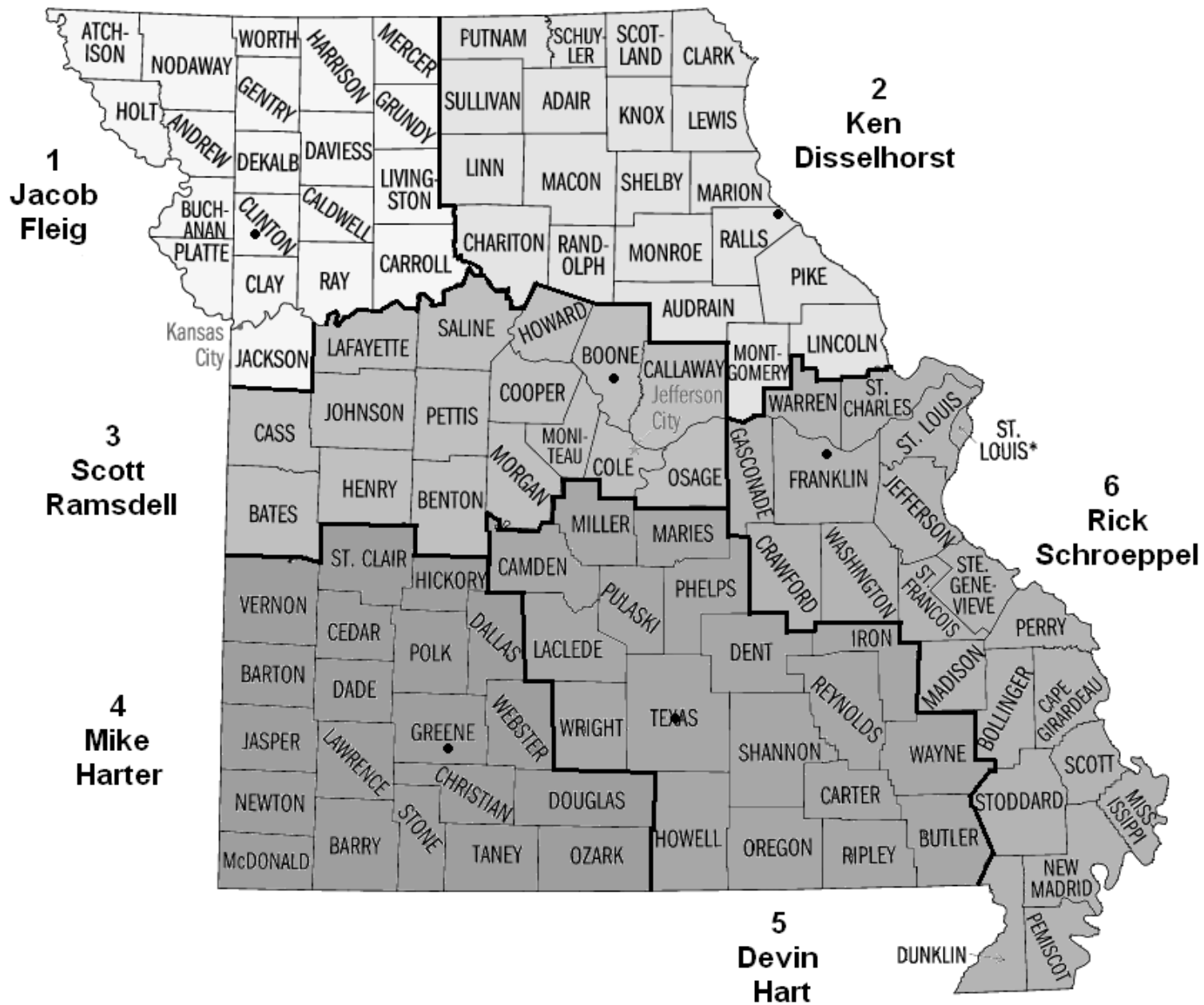
For more information concerning the services offered by the Bureau of Feed, Seed, and Treated Timber, contact the feed and seed inspector in your area or contact:

**Missouri Department of Agriculture
Plant Industries Division
P.O. Box 630
Jefferson City, MO 65102**

**Amber.Whittle@mda.mo.gov
(573) 751-5474 Office; (573)751-5500 Office Fax
(573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax
Or visit our Web site at mda.mo.gov
Plant Industries**

PLANT INDUSTRIES DIVISION
BUREAU OF FEED, SEED, AND TREATED TIMBER

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INSPECTORS AND ASSIGNED AREAS		
AREA 1 Jacob Fleig Cameron, MO 64429 (573) 418-3985		AREA 2 Ken Disselhorst Hannibal, MO 63401 (573) 822-3850
AREA 3 Scott Ramsdell Ashland, MO 65010 (573) 298-3953		AREA 4 Mike Harter Springfield, MO 65802 (573) 418-3981
AREA 5 Devin Hart Houston, MO 65483 (573) 469-1005		AREA 6 Rick Schroepel Washington, MO 63090 (573) 418-3984



**2010 STATISTICAL SUMMARY
SAMPLES ANALYZED FOR 2010**

OFFICIAL SAMPLES ANALYZED			2,758
	Purity	878	
	Noxious Weed	1,085	
	Germination	3,151	
TOTAL NUMBER OF LOTS IN VIOLATION			154
TOTAL OFFICIAL TESTS PERFORMED			5,357
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED			94.42%
SERVICE SAMPLES ANALYZED			387
	Purity	22	
	Noxious Weed	14	
	Germination	386	
	Endophyte	0	
	Pure Live Seed	0	
	TZ	0	
	Seed Count per pound	4	
	Other	0	
TOTAL SERVICE SAMPLE TESTS PERFORMED			426
TOTAL SAMPLES FOR 2010			3,145
TOTAL TESTS PERFORMED FOR 2010			5,783
SEED PERMITS ISSUED FOR 2010			3,469

Information on samples, inspection of seeds, or service samples are available from the Bureau of Feed, Seed, and Treated Timber, 115 Constitution Drive, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

SUBMITTING SERVICE SAMPLES

➤ **Testing period for free seed analysis:**

June 1 through August 31

November 1 through January 15

➤ **Testing period for charges on seed analysis:**

January 16 through May 31

September 1 through October 31

➤ **Purity charges:**

One cultivar

\$12.00

More than one cultivar in same sample

\$18.00

Seed having less than 90 percent pure seed

\$10.00/hour

➤ **Germination charges (highly chaffy grasses, excluded)**

\$12.00

➤ **Other testing charges:**

TZ

\$25.00

Highly chaffy seed

\$10.00/hour

Highly chaffy germ

\$14.00

Endophyte from growth

\$30.00

Endophyte from seed

\$20.00

Noxious and Prohibited weed seed

\$12.00

Complete Test (Including Purity, Germination, and Noxious Weeds)

\$36.00

Cold Test (Soybeans)

\$12.00

Cool Test (Cotton)

\$12.00

CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.

Without proper sampling technique, test will not reflect true quality of the seed.

➤ **Bulk lot seeds:**

Take a sample from several places.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Bagged lot seeds:**

Take sample from approximately 10 percent of the bags.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Size of sample needed for testing:**

TYPE OF SEED	SAMPLE SIZE GERMINATION	SAMPLE SIZE PURITY
Soybeans	one quart	one-half gallon
Large Seeds (corn, cotton, small grain, sorghum)	one pint to one quart	one quart
Small seeds (grass, clover, alfalfa, lespedeza)	one-half pint	one quart

SEED ANALYSIS SERVICE SAMPLE APPLICATION

Submit seed samples with request for analysis to: **State Seed Control Laboratory**
Department of Agriculture
115 Constitution Drive (65109)
P.O. Box 630 (65102)
Jefferson City, MO

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date _____

Lot number or ID of seed _____ Kind of seed _____

Check the following
analysis to be run:

Free _____

Charge _____ (see page 6 for free & charge times)

Germination _____

Purity _____

Noxious or prohibited
weed seed content _____

Other (please specify) _____

Person planting this seed _____

Address _____
(Route/Street No.) (P.O. Box)

(City) (State) (Zip)

(Phone number)

SECTION ONE

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Agrigold Hybrids, St. Francesville, IL											
		Corn, field		8	8	0					
Compliance Rate:	100.0%		Total	8	8	0	0	0	0	0	0
Agventure Inc., Kentland, IN											
		Soybean		5	5	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0
America's Alfalfa, Nampa, ID											
		Alfalfa		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Baker Creek Heirloom Seeds, Mansfield, MO											
		Vegetables		39	38	1	1				
Compliance Rate:	97.4%		Total	39	38	1	1	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Barenbrug USA, Tangent, OR											
		Bluegrass, Kentucky		2	1	1	1				
		Fescue, creeping red		2	1	1	1				
		Fescue, tall		6	4	2	2				
		Mixture		19	17	2	2				
		Ryegrass, annual		3	3	0					
		Ryegrass, perennial		2	2	0					
Compliance Rate:	82.4%		Total	34	28	6	6	0	0	0	0
Belt Fur Wool & Seed Co, Leonard, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Brumbaugh Inc, Taylor, MO											
		Corn, field		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Buchheit, Inc, Perryville, MO											
		Fescue, tall		2	1	1			1		
		Mixture		1	0	1	1	1			1
		Orchardgrass		2	1	1	1				
		Rye		1	0	1	1				
		Ryegrass, annual		1	0	1	1				
Compliance Rate:	28.6%		Total	7	2	5	4	1	1	0	1

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
BWI Companies Inc, Springfield, MO											
		Fescue, tall		1	1	0					
		Mixture		3	3	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
BWI Companies Inc, Texarkana, TX											
		Fescue, creeping red		1	1	0					
		Fescue, tall		1	1	0					
		Lespedeza		1	1	0					
		Mixture		7	6	1		1			
		Ryegrass, annual		1	1	0					
		Wheat		1	1	0					
Compliance Rate:	91.7%		Total	12	11	1	0	1	0	0	0
Camp Point Seed Co, Camp Point, IL											
		Rye		1	0	1	1				
Compliance Rate:	0.0%		Total	1	0	1	1	0	0	0	0
Cenex/Land O'Lakes, Inc, Fort Dodge, IA											
		Soybean		11	11	0					
Compliance Rate:	100.0%		Total	11	11	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Channel Bio, LLC, Husley, IA											
		Soybean		60	56	4	4				
Compliance Rate:	93.3%		Total	60	56	4	4	0	0	0	0
Cropland Genetics, Fort Dodge, IA											
		Alfalfa		2	2	0					
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Cuzzin Charlies, Wentzville, MO											
		Fescue, tall		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Dairyland Seed Co Inc, West Bend, WI											
		Alfalfa		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Direct Enterprises, Inc, Westfield, MO											
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Discount Seeds Inc, Watertwon, SD											
				Oat	1	1	0				
				Rye	6	6	0				
Compliance Rate:	100.0%		Total	7	7	0	0	0	0	0	0
EI-Mel, Inc, St. Charles, MO											
				Mixture	4	4	0				
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Evergreen Seed LLC, Rice, VA											
				Millet, pearl	1	1	0				
				Sorghum, grain	1	1	0				
				Sorghum-sudangrass	1	1	0				
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Evergreen Seed LLC, Stockton, MO											
	Alfalfa			1	1	0					
	Bluegrass, Kentucky			1	0	1	1				
	Chickory			1	0	1	1				
	Clover, ladino & white			2	2	0					
	Clover, medium red			2	2	0					
	Clover, yellow blossom sweet			2	2	0					
	Fescue, hard			1	0	1	1				
	Fescue, tall			11	7	4	4				
	Lespedeza			1	1	0					
	Mixture			5	3	2	1	2		1	
	Orchardgrass			1	1	0					
	Rye			1	1	0					
	Ryegrass, annual			4	4	0					
	Ryegrass, perennial			2	2	0					
	Sorghum-sudangrass			2	2	0					
	Soybean			1	1	0					
	Triticale			1	1	0					
	Vetch, common			1	1	0					
	Wheat (Cover Crop)			1	1	0					
Compliance Rate:	78.0%	Total		41	32	9	8	2	0	1	0
Ex-Cel Milling Inc, Syracuse, MO											
	Fescue, tall			1	0	1					1
Compliance Rate:	0.0%	Total		1	0	1	0	0	0	0	1

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Ex-Cel Milling Inc, Syracuse, MO											
		Fescue, tall		1	0	1					1
Compliance Rate:	0.0%		Total	1	0	1	0	0	0	0	1
Farmers Ag Center, Mountain Grove, MO											
		Fescue, tall		2	1	1	1				
Compliance Rate:	50.0%		Total	2	1	1	1	0	0	0	0
Ferguson Seed Farms, Glasgow, MO											
		Clover, red		1	0	1		1			
Compliance Rate:	0.0%		Total	1	0	1	0	1	0	0	0
Ferry-Morse Seed Company, Fulton, KY											
		Fescue, tall		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Flick Seed Co, Kingsville, MO											
		Fescue, tall		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Fred Moxley Seed LLC, Charleston, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
G R Robinson Seed & Service Co, University City, MO											
		Mixture		35	34	1		1			
		Ryegrass, annual		1	1	0					
		Ryegrass, perennial		1	1	0					
Compliance Rate:	97.3%		Total	37	36	1	0	1	0	0	0
Garst Seed Company, Slater, IA											
		Corn, field		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
George Keller & Sons Co, Quincy, IL											
		Bluegrass, Kentucky		1	1	0					
		Fescue, creeping red		2	0	2		2			
		Fescue, tall		1	0	1	1				
		Mixture		1	1	0					
		Ryegrass, annual		2	2	0					
		Ryegrass, perennial		2	1	1		1			
Compliance Rate:	55.6%		Total	9	5	4	1	3	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Grass Pad Warehouse, Olathe, KS											
		Fescue, tall		3	3	0					
		Mixture		9	9	0					
Compliance Rate:	100.0%		Total	12	12	0	0	0	0	0	0

				Type of Violation								
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop	
Green Seed Co Inc, Springfield, MO												
	Alfalfa	9	7	2	1				1			
	Bluegrass, Kentucky	3	2	1	1							
	Buckwheat	1	1	0								
	Clover, arrowleaf	2	2	0								
	Clover, crimson	4	4	0								
	Clover, ladino	6	6	0								
	Clover, ladino & white	1	1	0								
	Clover, medium red	3	3	0								
	Clover, red	2	2	0								
	Clover, white	3	3	0								
	Clover, yellow blossom sweet	1	1	0								
	Fescue, creeping red	1	1	0								
	Fescue, tall	41	25	16	14		1		3		1	
	Lespedeza, Korean	4	4	0								
	Lovegrass, weeping	1	1	0								
	Millet, German or foxtail	2	2	0								
	Millet, Japanese	1	1	0								
	Mixture	30	25	5	2		2		1		1	
	Oat	3	3	0								
	Orchardgrass	13	11	2				2				
	Rape	1	1	0								
	Redtop	1	1	0								
	Rye	10	10	0								
	Ryegrass, annual	23	23	0								
	Ryegrass, perennial	9	9	0								
	Sorghum-sudangrass	1	1	0								
	Soybean	1	1	0								
	Timothy	3	2	1	1							
	Vegetables	6	6	0								
	Vetch, hairy	2	2	0								
	Wheat	11	11	0								
Compliance Rate:		86.4%	Total		199	172	27	19	5	5	0	2

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Green Valley Seed Inc, Kahoka, MO											
	Alfalfa			16	16	0					
	Bluegrass, Kentucky			1	0	1		1			
	Brome, smooth			1	1	0					
	Canarygrass, reed			2	2	0					
	Chicory			1	1	0					
	Clover, alsike			1	1	0					
	Clover, medum red			4	4	0					
	Clover, red			1	1	0					
	Clover, yellow sweet			1	0	1	1				
	Fescue, creeping red			1	1	0					
	Fescue, tall			6	5	1	1	1			1
	Lespedeza, Korean			1	1	0					
	Millet, Japanese			2	2	0					
	Mixture			4	4	0					
	Oat			2	2	0					
	Orchardgrass			4	4	0					
	Plantain			1	1	0					
	Rye			1	1	0					
	Ryegrass, annual			1	1	0					
	Ryegrass, perennial			1	1	0					
	Soybean			9	9	0					
	Teff			2	1	1	1				
	Timothy			2	2	0					
	Wheat			6	6	0					
Compliance Rate:	94.4%	Total		71	67	4	3	2	0	0	1
Greenbush Seed & Supply, Hutcheson, KS											
	Wheat			6	6	0					
Compliance Rate:	100.0%	Total		6	6	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Growmark Inc, Bloomington, IL											
		Corn, field		4	4	0					
		Soybean		5	5	0					
Compliance Rate:	100.0%		Total	9	9	0	0	0	0	0	0
Haas Seed House, Albers, IL											
		Wheat (Cover Crop)		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Hamel Seed & Farm Supply, Inc, Worden, IL											
		Wheat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Helena Chemical, Bridgeton, MO											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Helena Chemical, Lenexa, KS											
		Fescue, tall		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Helena Chemical Company, Shawnee, KS											
		Mixture		3	3	0					
		Ryegrass, intermediate		1	1	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Hoegemeyer Hybrids, Hooper, NE											
		Soybean		7	7	0					
Compliance Rate:	100.0%		Total	7	7	0	0	0	0	0	0
Hoff Farms Inc, Boonville, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%			1	1	0	0	0	0	0	0
Hoffman & Reed Inc, Trenton, MO											
		Wheat, hard red winter		1	1	0					
Compliance Rate:	100.0%			1	1	0	0	0	0	0	0
Hummert International, Earth City, MO											
		Mixture		5	5	0					
		Ryegrass, perennial		1	1	0					
Compliance Rate:	100.0%		Total	6	6	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Hummert International, Topeka, KS											
		Fescue, tall Mixture		4	4	0					
				1	1	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0
Hundley Seed Co, Champlain, VA											
		Barley		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
J C Robinson Seed Co, Waterloo, NE											
		Corn, field		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
James Reneau Seed Company											
		Corn, field		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
JGL Inc, Plymouth, IN											
		Wheat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
King City Seed & Storage, King City, MO				Wheat	1	1	0				
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Kruger Seed Company, Dike, IA				Soybean	16	16	0				
Compliance Rate:	100.0%		Total	16	16	0	0	0	0	0	0
Kruger Seeds, Cedar Falls, IA				Corn, field	4	4	0				
				Soybean	7	6	1	1			
Compliance Rate:	90.9%		Total	11	10	1	1	0	0	0	0
Le Mars Agri Center, Le Mars, IA				Oat	3	3	0				
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Lebanon Seaboard Corporation, Lebanon, PA				Mixture	11	11	0				
Compliance Rate:	100.0%		Total	11	11	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Leo Stroebe & Son Seed, Concordia, MO											
Soybean				2	2	0					
Wheat, soft red winter				3	3	0					
Compliance Rate:	100.0%	Total		5	5	0	0	0	0	0	0
Lesco Inc, Cleveland, OH											
Fescue, tall				3	2	1					1
Mixture				23	23	0					
Ryegrass, perennial				1	1	0					
Compliance Rate:	96.3%	Total		27	26	1	0	0	0	0	1
Lewis Hybrids Inc, Ursa, IL											
Corn, field				5	5	0					
Soybean				4	4	0					
Compliance Rate:	100.0%	Total		9	9	0	0	0	0	0	0
Lortscher Agri Service, Bern, KS											
Wheat, hard red winter				1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Loveland Products, Inc, Greeley, CO											
		Alfalfa		1	1	0					
		Sorghum		1	1	0					
		Soybean		3	3	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0
M-Pride Genetics, Inc, Garden City, MO											
		Corn, field		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
MBS Genetics, LLC, Story City, IA											
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Merschman Seeds Inc, West Point, IA											
		Corn, field		1	1	0					
		Soybean		13	12	1	1				
		Wheat		1	1	0					
Compliance Rate:	93.3%		Total	15	14	1	1	0	0	0	0
MFA Agri Service, Chillicothe, MO											
		Wheat, soft red winter		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
MFA Inc. Seed Division, Columbia, MO											
	Alfalfa	9	9	0							
	Bluegrass, Kentucky	1	1	0							
	Brome, smooth	1	1	0							
	Canarygrass, reed	2	1	1	1						
	Clover, alsike	1	1	0							
	Clover, ladino	3	3	0							
	Clover, ladino & white	1	1	0							
	Clover, medium red	6	6	0							
	Clover, red	1	0	1	1						
	Corn, field	12	12	0							
	Cowpea	1	1	0							
	Fescue, tall	33	30	3	3						
	Lespedeza, Korean	3	3	0							
	Millet, pearl	2	2	0							
	Mixture	22	21	1	1						
	Oat	1	1	0							
	Orchardgrass	6	6	0							
	Pea, Austrian winter	1	1	0							
	Redtop	1	1	0							
	Ryegrass, annual	4	4	0							
	Ryegrass, perennial	3	3	0							
	Sorghum	1	1	0							
	Sorghum, grain	3	3	0							
	Sorghum-sudangrass	4	4	0							
	Soybean	75	74	1	1						
	Sudangrass	1	1	0							
	Timothy	3	2	1	1						
	Wheat	2	2	0							
	Wheat, soft red winter	4	4	0							
Compliance Rate:		96.1%	Total	207	199	8	8	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
MFA Seed Dist, Sedalia, MO											
		Alfalfa		1	1	0					
		Canarygrass, reed		1	1	0					
		Clover, ladino		1	1	0					
		Clover, medium red		5	3	2			2		
		Clover, red		3	3	0					
		Fescue, creeping red		1	1	0					
		Mixture		1	1	0					
		Orchardgrass		5	5	0					
		Ryegrass, annual		2	2	0					
		Ryegrass, perennial		3	3	0					
		Trefoil, birdsfoot		2	2	0					
Compliance Rate:	92.0%		Total	25	23	2	0	0	2	0	0
Mid Valley Farm Seed Storage, Tangent, OR											
		Bluegrass, Kentucky		1	0	1	1	1			
Compliance Rate:	0.0%		Total	1	0	1	1	1	0	0	0
Mid-State Seed & Storage, Marshall, MO											
		Soybean		10	10	0					
Compliance Rate:	100.0%		Total	10	10	0	0	0	0	0	0
Midwest Premium Genetics, Concordia, MO											
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Midwest Seed Genetic Inc, Carroll, IA											
	Corn, field			5	5	0					
Compliance Rate:	100.0%	Total		5	5	0	0	0	0	0	0
Missouri Foundation Seed, Columbia, MO											
	Wheat, soft red winter			4	4	0					
Compliance Rate:	100.0%	Total		4	4	0	0	0	0	0	0
Missouri Southern Seed, Rolla, MO											
	Alfalfa			11	10	1	1				
	Bermudagrass			1	1	0					
	Bluegrass, Kentucky			12	8	4	4				
	Brassica			2	2	0					
	Brome, smooth			5	4	1			1		
	Bromegrass			1	0	1	1				
	Buckwheat			4	4	0					
	Canarygrass, reed			1	1	0					
	Chicory			1	1	0					
	Clover, alsike			1	1	0					
	Clover, crimson			3	3	0					
	Clover, Dutch white			1	1	0					
	Clover, ladino			6	6	0					
	Clover, ladino & white			3	3	0					
	Clover, medium red			25	25	0					
	Clover, red			5	5	0					

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Missouri Southern Seed, Rolla, MO (continued)											
	Clover, white	2	2	0							
	Cowpea	1	1	0							
	Fescue, creeping red	1	1	0							
	Fescue, tall	75	65	10	8	3					3
	Festulolium	2	2	0							
	Lespedeza	16	14	2		2					2
	Millet, German or foxtail	2	2	0							
	Millet, Japanese	5	5	0							
	Millet, pearl	1	1	0							
	Mixture	60	56	4		4					
	Oat	3	3	0							
	Orchardgrass	13	13	0							
	Pea, field	2	2	0							
	Rape	2	2	0							
	Redtop	5	4	1		1					
	Rye	2	2	0							
	Ryegrass, annual	14	14	0							
	Ryegrass, intermediate	4	4	0							
	Ryegrass, perennial	15	14	1	1						
	Sorghum	1	1	0							
	Sorghum, grain	1	1	0							
	Sorghum-sudangrass	4	4	0							
	Soybean	2	2	0							
	Timothy	14	13	1	1						
	Trefoil, birdsfoot	3	3	0							
	Triticale	2	2	0							
	Vegetable	7	7	0							
	Wheat, soft red winter	2	2	0							
Compliance Rate:		92.4%	Total	343	317	26	16	10	1	0	5

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
N C + Hybrids, Lincoln, NE											
		Corn, field		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Neco Seed, Garden City, MO											
		Soybean		90	90	0					
Compliance Rate:	100.0%		Total	90	90	0	0	0	0	0	0
Nixa Hardware, Nixa, MO											
		Alfalfa		2	2	0					
		Brome, smooth		1	0	1		1		1	
		Buckwheat		1	1	0					
		Clover, ladino		1	1	0					
		Clover, red		2	2	0					
		Fescue, tall		4	4	0					
		Lespedeza		2	2	0					
		Mixture		3	1	2	1		1		
		Orchardgrass		2	2	0					
		Pea, spring field		1	1	0					
		Ryegrass, annual		1	1	0					
		Ryegrass, perennial		1	1	0					
		Sorghum		1	1	0					
		Sorghum, grain		1	1	0					
		Soybean		1	1	0					
Compliance Rate:	87.5%		Total	24	21	3	1	1	1	1	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Nutech Seed, LLC, Forest City, IA											
	Soybean			19	19	0					
Compliance Rate:	100.0%	Total		19	19	0	0	0	0	0	0
Owen Seed Co, Carrollton, MO											
	Wheat, soft red winter			1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Pennington Seed Inc, Greenfield, MO											
	Clover, white			1	1	0					
	Fescue, tall			6	4	2	1				2
	Mixture			143	138	5	5				
	Ryegrass, annual			1	1	0					
Compliance Rate:	95.4%	Total		151	144	7	6	0	0	0	2
Pennington Seed Inc, Lebanon, OR											
	Ryegrass, annual			1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Phillips Seed Farms Inc, Hope, KS											
	Wheat, hard red winter			3	3	0					
Compliance Rate:	100.0%	Total		3	3	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Pioneer Hi-Bred International, Johnston, IA											
			Corn, field	75	75	0					
			Sorghum	1	1	0					
			Sorghum, grain	1	1	0					
			Soybean	110	110	0					
			Wheat	3	2	1	1				
Compliance Rate:	99.5%	Total		190	189	1	1	0	0	0	0
Producers Hybrids Inc, Battle Creek, NE											
			Soybean	11	11	0					
Compliance Rate:	100.0%	Total		11	11	0	0	0	0	0	0
Production Plus, Plainview, TX											
			Sorghum-sudangrass	1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Ragan & Massey Inc, Ponchatoula, LA											
			Fescue, tall	3	3	0					
Compliance Rate:	100.0%	Total		3	3	0	0	0	0	0	0
Rieschick Seed, Soldier, KS											
			Brome, smooth	1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Rural King Supply Inc, Mattoon, IL											
		Bluegrass, Kentucky		1	0	1	1				
		Fescue, tall		1	1	0					
		Mixture		5	5	0					
		Orchardgrass		1	0	1		1			
Compliance Rate:	75.0%		Total	8	6	2	1	1	0	0	0
Sexauer Discount Farm Services Inc, Brookings, SD											
		Oat		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Shawneetown Feed & Seed Co, Jackson, MO											
		Clover, medium red		1	1	0					
		Fescue, creeping red		1	1	0					
		Fescue, tall		2	2	0					
		Lespedeza, Korean		2	2	0					
		Timothy		1	0	1	1				
		Wheat		1	1	0					
Compliance Rate:	87.5%		Total	8	7	1	1	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Siemer Enterprises, Teutopolis, IL											
		Bluegrass, Kentucky		2	2	0					
		Fescue, creeping red		1	1	0					
		Fescue, tall		14	10	4	3	1			
		Mixture		18	13	5	1	4			
		Ryegrass, annual		3	3	0					
		Ryegrass, perennial		1	1	0					
Compliance Rate:	76.9%		Total	39	30	9	4	5	0	0	0
Stine Seed Farm Inc, Adel, IA											
		Corn, field		1	1	0					
		Soybean		46	46	0					
Compliance Rate:	100.0%		Total	47	47	0	0	0	0	0	0
Stratton Seed Co, Stuttgart, AR											
		Soybean		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Stuttgart Seed Co Inc, Stuttgart, AR											
		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Syngenta Seed Inc, Minneapolis, MN											
Corn, field				5	5	0					
Soybean				71	70	1	1				
Compliance Rate:	98.7%	Total		76	75	1	1	0	0	0	0
Taggart & Taggart Seed, Inc, Augusta, AR											
Oat				1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Tanner Seed Co, Bernie, MO											
Rice				11	11	0					
Compliance Rate:	100.0%	Total		11	11	0	0	0	0	0	0
Tennessee Farmers Co-op, Jackson, TN											
Fescue, tall				1	0	1	1				
Compliance Rate:	0.0%	Total		1	0	1	1	0	0	0	0
Tennessee Farmers Coop, Lavergne, TN											
Wheat (Cover Crop)				1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Tim Gremaud, Perryville, MO											
		Wheat, soft red winter		2	1	1	1				
Compliance Rate:	50.0%		Total	2	1	1	1	0	0	0	0
Tri-Star Seed Company, Spring Hill, KS											
		Fescue, tall		1	0	1	1				
		Mixture		1	0	1		1			
Compliance Rate:	0.0%		Total	2	0	2	1	1	0	0	0
UAP Distribution Inc, Greeley, CO											
		Corn, field		15	15	0					
		Soybean		67	67	0					
Compliance Rate:	100.0%		Total	82	82	0	0	0	0	0	0
Valley Park Elevator, Valley Park, MO											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Weber Seeds Inc, Marshall, MO											
		Soybean		2	2	0					
		Wheat, soft red winter		10	10	0					
Compliance Rate:	100.0%		Total	12	12	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Welter Seed & Honey Co, Onslow, IA											
		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Willcross Seed, King City, MO											
		Wheat		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Williams Lawn Seed Co, Maryville, MO											
		Bluegrass, Kentucky		15	8	7	5	2			
		Fescue, chewings		1	1	0					
		Fescue, creeping red		2	2	0					
		Fescue, hard		2	1	1		1			
		Fescue, tall		22	17	5		5			
		Mixture		16	15	1		1			
		Poa trivialis		1	1	0					
		Ryegrass, annual		1	1	0					
		Ryegrass, perennial		2	2	0					
Compliance Rate:	77.4%		Total	62	48	14	5	9	0	0	0
Winfield Solutions LLC, St. Joseph, MO											
		Fescue, tall		1	0	1		1			
		Mixture		10	9	1		1			1
		Ryegrass, annual		1	1	0					
Compliance Rate:	83.3%		Total	12	10	2	0	2	0	0	1

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Winfield Solutions, LLC, St. Paul, MN											
		Mixture		1	1	0					
		Orchardgrass		1	1	0					
		Ryegrass, annual		3	3	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0
WL Alfalfas, Madison, WI											
		Alfalfa		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
WSDA, Garden City, MO											
		Wheat		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
WSDA, Kahoka, MO											
		Wheat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

OVERALL TOTAL
2758
2604
154
102
46
10
2
14

SECTION TWO

VIOLATIONS OF SEED LOTS FOR REASONS OTHER THAN CONTENT CLAIMS

**VIOLATIONS ON SEED LOTS FOR REASONS
OTHER THAN CONTENTS CLAIMS**

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Central Missouri Agriservice LLC3,469 195-003 Slater, MO 65349	Out of test date	4
Farm & Home 101-054 Warrensburg, MO 64093	Out of test date	1
Orscheln Farm & Home 047-054 Kearney, MO 64060	Out of test date	4